

INTERNATIONAL SEARCH REPORT

International application No.
PCT/KR 2004/001151

A. CLASSIFICATION OF SUBJECT MATTER IPC⁷: H04L 12/18, 29/06 According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC⁷: H04L Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched ----		
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) WPI, EPODOC, PAJ, Elsevier, IEE, I3E, IEEEExplore		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5835723 A (ANDREWS et al.) 10 November 1998 (10.11.1998) <i>figures 1, 5, 6, 10-13, column 2, line 30 - column 3, line 19, claims 1-5.</i> --	1-46
A	EP 1202493 A2 (HEWLETT PACKARD COMPANY) 2 May 2002 (02.05.2002) <i>figure 2B, paragraph 10-11.</i> ----	1
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input checked="" type="checkbox"/> See patent family annex.		
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Patent document cited in search report			Publication date	Patent family member(s)	Publication date
EP	A2	1202493	2002-05-02	none	
US	A	5835723	1998-11-10	none	

(S7) Abstract: The present invention discloses a home network system using a living network control protocol. The home network system includes: at least one new device including a node address having an initial logical address through a network based on a predetermined protocol, transmitting a configuration request message having the node address to a master device, receiving a temporary address setting request message, changing the initial logical address by selecting one temporary logical address, generating a temporary address setting response message, transmitting the temporary address setting response message to the master device, receiving an address change request message having a predetermined logical address from the master device, changing the temporary logical address into the received logical address, and having a unique node address; and at least one master device for receiving the plurality of configuration request messages (S11) from the new device, setting the temporary logical address range for the new device, transmitting the temporary address setting request message (S18) having the set temporary logical address range to the new device, receiving the temporary address setting response message (S20) from the new device, setting the predetermined logical address of the new device, and transmitting the address change request message (S22) having the set logical address to the new device of the selected temporary address.



European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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